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November 24, 2004

To:

Telephone:

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Examiner Felix E. Suarez

Centralized Facsimile Number

U.S. Patent & Trademark Office

(703) 872-9306

From: Timothy W. Lohse (650) 833-20525
(by Sue Johnson)

Client-Matter No. 1030981-991133

Re: U.S. Patent Application No. 10/791,070

Filed: March 1, 2004

Entitled: APPARATUS AND METHOD FOR DETECTION AND MEASUREMENT
OF ENVIRONMENTAL PARAMETERS

Inventor: KRAZ

Pages: 12 - (including this form)

Originals: ☐ will be mailed ☒ will not be mailed

If there is a problem with this transmission, please call:

(650) 833-2055

Fax Operator: Sue Johnson

MESSAGE:

Please make a matter of record the attached Response to the Office Action mailed on August 24, 2004; and Information Disclosure Statement for the above-referenced application.

The Commissioner is authorized to charge fees as noted on the enclosed Fee Transmittal, and any other fees associated with this paper to Deposit Account No. 07-1896, referencing 1030981-991133.Thank you.

Documents enclosed:

1. Fax Transmission Cover Sheet (1 pg)
2. Transmittal Form (1 pg)
3. Fee Transmittal (1 pg)
4. Response A (8 pgs)
5. Information Disclosure Statement (1 pg)

PA10385916.1
1030981-991133

SILICON VALLEY SAN DIEGO SAN FRANCISCO AUSTIN SEATTLE SACRAMENTO LA JOLLA WASHINGTON, DC

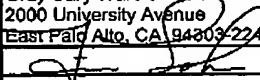
PTO/SB/21 (09-04)

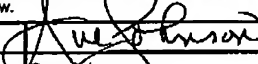
Approved for use through 07/31/2008. OMB 0851-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/791,070	
	Filing Date	March 1, 2004	
	First Named Inventor	Vladimir KRAZ	
	Art Unit	2857	
	Examiner Name	Felix E. SUAREZ	
Total Number of Pages in This Submission	12	Attorney Docket Number	1030981-991133

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form (1 pg) <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply (8 pgs) <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement (1 pg) <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation/Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	Gray Cary Ware & Freidenrich LLP 2000 University Avenue East Palo Alto, CA 94303-2248		
Signature			
Printed name	Timothy W. Lohse		
Date	November 24, 2004	Reg. No.	35,255

CERTIFICATE OF TRANSMISSION/MAILING	
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.	
Signature	
Typed or printed name	Sue Johnson
Date	November 24, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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FEE TRANSMITTAL for FY 2005

Effective 10/01/2003. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT \$(216)

Complete if Known

Application Number 10/791,070
Filing Date March 1, 2004
First Named Inventor Vladimir KRAZ
Examiner Name Felix E. SUAREZ
Art Unit 2857
Attorney Docket No. 1030981-991133

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number 07-1896

Deposit Account Name Gray Cary Ware & Freidenrich LLP

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) or any underpayment of fee(s)

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee	Fee	Fee Description	Fee Paid
Code (\$)	Code (\$)				
1001 790	2001 395			Utility filing fee	
1002 350	2002 175			Design filing fee	
1003 650	2003 275			Plant filing fee	
1004 790	2004 395			Reissue filing fee	
1005 160	2005 80			Provisional filing fee	
SUBTOTAL (1) (\$)					0

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Large Entity	Small Entity	Fee	Fee	Fee Description	Fee Paid
Code (\$)	Code (\$)				
1202 18	2202 9			Claims in excess of 20	
1201 88	2201 44			Independent claims in excess of 3	
1203 300	2203 150			Multiple dependent claim, if not paid	
1204 88	2204 44			Reissue independent claims over original patent	
1205 18	2205 9			Reissue claims in excess of 20 over original patent	
SUBTOTAL (2) (\$)					38

*or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

Large Entity	Small Entity	Fee	Fee	Fee Description	Fee Paid
Code (\$)	Code (\$)				
1051 130	2051 65			Surcharge - late filing fee or oath	
1052 60	2052 25			Surcharge - late provisional filing fee or cover sheet	
1053 130	2053 130			Non-English specification	
1812 2,520	1812 2,520			For filing a request for ex parte reexamination	
1804 820*	1804 820*			Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*			Requesting publication of SIR after Examiner action	
1251 110	2251 55			Extension for reply within first month	
1252 430	2252 215			Extension for reply within second month	
1253 980	2253 490			Extension for reply within third month	
1254 1,530	2254 765			Extension for reply within fourth month	
1255 2,080	2255 1,040			Extension for reply within fifth month	
1401 340	2401 170			Notice of Appeal	
1402 340	2402 170			Filing a brief in support of an appeal	
1403 300	2403 150			Request for oral hearing	
1451 1,510	2451 1,510			Petition to institute a public use proceeding	
1452 110	2452 55			Petition to revive - unavoidable	
1453 1,370	2453 685			Petition to revive - unintentional	
1501 1,370	2501 685			Utility issue fee (or reissue)	
1502 490	2502 245			Design issue fee	
1603 660	2603 330			Plant issue fee	
1460 130	2460 130			Petitions to the Commissioner	
1807 50	2807 50			Processing fee under 37 CFR 1.17(a)	
1808 180	2808 180			Submission of Information Disclosure Stmt	180
8021 40	8021 40			Recording each patent assignment per property (times number of properties)	
1809 780	2809 395			Filing a submission after final rejection (37 CFR 1.125(e))	
1810 780	2810 395			For each additional invention to be examined (37 CFR 1.129(b))	
1801 790	2801 395			Request for Continued Examination (RCE)	
1802 900	2802 900			Request for expedited examination of a design application	
Other fee (Specify) _____					
* Reduced by Basic Filing Fee Paid					
SUBTOTAL (3) (\$)					180

SUBMITTED BY

Name (Print/Type) Timothy W. Lohse

Signature

Registration No. (Attorney/Agent)

35,255

(Complete if applicable)

Telephone 650-833-2055

Date

November 24, 2004

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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CERTIFICATE OF FACSIMILE TRANSMISSION

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Sue Johnson

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/791,070 Confirmation No. 2990
Applicant : Kraz
Filed : March 1, 2004
TC/A.U. : 2857
Examiner : Felix Saurez
Docket No. : 1030981-991133
Customer : 26379
No.

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE A

Dear Sir:

In response to the Office action dated August 24, 2004, please consider the following response to the office action.

Amendments to the Specification is reflected in the listing of claims, which begins on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims, which begins on page 3 of this paper.

Remarks begin on page 6 of this paper.